Pool Frog Above Ground Mineral Reservoir Label

EPA 53735-11

POOL FROG® MINERAL RESERVOIR

Mineral Hybrid Water Care

Adopt a FROG® for Worry-Free Water!

- Less work with no daily dosing.
- Reduces chlorine use up to 50%.*
- Adopt an easier, more fun pool environment.

*Compared to the minimum EPA recommended chlorine level of 1.0 ppm for a stabilized swimming pool.

Keep Out of Reach of Children

CAUTION

See enclosed instruction manual for complete directions for use.

Active Ingredient:	
Silver Chloride	0.5%
Other Ingredients:	99.5%
Total:	100.0%

Net Wt.: 0.9 lbs.
EPA Reg. No.: 53735-11
EPA Est. No.: 071209-AZ-001

E20241155041143P4N 20-43-0524

20-43-0524
0.9 lbs.
Mineral Res

4.25" Wide
x 4.9" high

dieline is spot purple

Pool Frog In Ground Mineral Reservoir Label

EPA 53735-11

POOL FROG® MINERAL RESERVOIR

Mineral Hybrid Water Care

Adopt a FROG® for Worry-Free Water!

- Less work with no daily dosing.
- Reduces chlorine use up to 50%.*
- Adopt an easier, more fun pool environment.

*Compared to the minimum EPA recommended chlorine level of 1.0 ppm for a stabilized swimming pool.

Keep Out of Reach of Children

CAUTION

See enclosed instruction manual for complete directions for use.

Active Ingredient:	
Silver Chloride	0.5%
Other Ingredients:	99.5%
Total:	100.0%

Net Wt.: 1.6 lbs.
EPA Reg. No.: 53735-11
EPA Est. No.: 071209-AZ-001

E2024115530411439N4N 20-43-0520

20-43-0520
1.6 lbs.
Mineral Res

4.25" Wide
x 4.9" high

dieline is spot purple

Pool Frog Mineral Reservoir Back Label

EPA 53735-11

POOL FROG® MINERAL RESERVOIR

The Complete Low-Chlorine Alternative+

www.kingtechnology.com • 800-222-0169

Serial No. _____

Product Description: The POOL FROG Mineral Reservoir is the heart of an advanced pool care system that destroys bacteria. The patented mineral formula in the POOL FROG Mineral Reservoir also neutralizes acids, which helps keep the pH in an acceptable range with less monitoring. The controlled release of minerals provides an optimum level of protection in your pool. The FROG Mineral System+ reduces chlorine use up to 50%*. Simply use with at least 0.5 ppm of an EPA registered source of chlorine such as the POOL FROG Bac Pac (EPA Reg. No. 53735-2) or a chlorine delivery device. Using the POOL FROG Mineral System+ improves swimming pool pleasure by reducing the problems associated with chlorine including faded bathing suits, premature damage to pool equipment or surfaces and smelly odors. With the POOL FROG Mineral Reservoir, pool care is easy and effective. Once wetted, the time-released mineral coating of this product is effective up to 6 consecutive months or one pool season whichever is shorter. After that time, even if upon shaking you hear the spent media inside, it is no longer effective and must be replaced. Mark the calendar with stickers provided to replace this product.

Replace the POOL FROG® Mineral Reservoir after 6 months.

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

Directions For Use with POOL FROG Bac Pac EPA Reg. No.: 53735-2: For a complete system, use this product inside the POOL FROG Cycler along with the POOL FROG Bac Pac. This product is compatible with pool chemicals except biquinides and bromine. Before inserting the POOL FROG Mineral Reservoir as the pool maintenance product, balance the pH to between 7.2 and 7.8 and total alkalinity between 60-120 ppm and shock the pool with a chlorine shock per the manufacturer's directions. Then follow the directions below: **1.** Turn circulation pump off, turn control dial to Pac Removal, Setting 0 or OFF depending on your model and remove cap from POOL FROG Cycler. **2.** Line up slot on the side of the POOL FROG Mineral Reservoir with the fin inside the POOL FROG Cycler and lower into the cycler. **3.** If using the POOL FROG Bac Pac, insert into the center of this product according to the directions on its label then replace the cap on the cycler and turn pump back on. Set the control dial on the POOL FROG Cycler per the size and pump run time of your pool according to the chart in the manual.

Directions for Use with Alternate Source of Chlorine: If using an alternative EPA registered source of chlorine, follow steps 1 and 2 above then replace the POOL FROG Cycler cap, set the control dial to Maximum, Setting 5 or ON depending on your model and turn pump back on. Maintain recommended chlorine levels of at least 0.5 ppm in the pool.

DO NOT USE ANY OTHER PAC OR BULK CHEMICAL INSIDE THE MINERAL RESERVOIR.
DAMAGE TO THE RESERVOIR, POOL OR OTHER EQUIPMENT COULD RESULT.

Disposal: After six months of use, discard POOL FROG Mineral Reservoir in trash even if it appears there is spent media left inside. Non-refillable container. Do not reuse or refill this container. Do not attempt to reuse the POOL FROG Mineral Reservoir once removed from the POOL FROG Cycler. In the unlikely event that a POOL FROG Mineral Reservoir should break and release raw minerals into the pool - vacuum out. **NOTICE:** Neither King Technology, Inc. nor the seller of this product can accept any responsibility where the product is not used according to directions and for the manner in which it was intended.

+ FROG Mineral System consists of the FROG minerals silver chloride and carbonate used in conjunction with 0.5 ppm chlorine. The POOL FROG Mineral Reservoir must be used in conjunction with the POOL FROG Bac Pac (EPA Reg. No.: 53735-2), an EPA registered chlorine pool product or a chlorine delivery device.

**Compared to the minimum EPA recommended chlorine level of 1.0 ppm for a stabilized swimming pool.*

KING TECHNOLOGY, INC. 530 11th Avenue South, Hopkins, MN 55343

U.S. Patents 6,210,566; 6,217,892; 6,383,507; 6,544,415; 6,551,609; 6,652,871
and other U.S. and Foreign Patents Pending 20-43-0519 E0324115530411R6N

Black
red 186
Do not print magenta
dieline

4.25" wide x 4.9" high

Pool Frog 6100 Series Label

EPA 53735-11

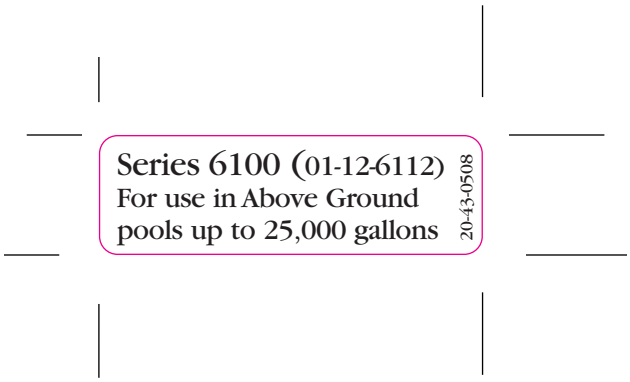
Sticker Placed on Back Panel for Above Ground Pools

REMOVE magenta LINE AROUND LABELS - DIE LINE ONLY.

Print copy black

2” x 5/8”

09-05



Pool Frog 5400 Series Label

EPA 53735-11

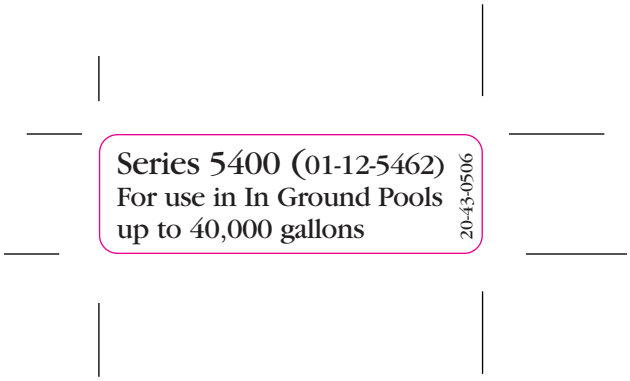
Sticker Placed on Back
Panel for In-ground Pools

REMOVE magenta
LINE AROUND
LABELS -
DIE LINE ONLY.

Print copy black

2” x 5/8”

09-05



Pool Frog Above Ground Mineral Reservoir Carton
EPA 53735-11

5”
5 1/16”
5 1/16”
5”
1”
1 7/16”
2 9/16”
11 1/8”
5”
2 1/2”
1 7/16”

POOL FROG® MINERAL RESERVOIR

FROG® Mineral Hybrid Water Care

ABOVE GROUND SERIES 6100 (Order #01-12-6112)
***NOW FITS THE FOLLOWING CYCLERS:**
POOL FROG® Series 5100, 5200 or 6100
Prevail Series 5770 or 5771

7 22906 06101 4

TAKE HOME THE COMPLETE MINERAL SYSTEM+ INCLUDING:

POOL FROG® MINERAL RESERVOIR

- Fits inside the POOL FROG Cycler.
- Contains minerals that help to control bacteria.
- Replace Mineral Reservoir every season—do not use more than 6 consecutive months.

POOL FROG® BAC PAC

- Pre-filled with Trichlor (chlorine) tablets.
- Sits inside POOL FROG Mineral Reservoir.
- Set the Cycler dial for achieving at least 0.5 ppm chlorine level. (See instruction manual.)
- Replace POOL FROG Bac Pac when empty.

BAC PAC SOLD SEPARATELY (EPA Reg. No. 53735-2)

FROG BAM®

- **ALGAE PROTECTION GUARANTEE!** when used with the complete POOL FROG System.
- Dispenses in 90 minutes and provides 90 days of algae protection.

FROG® BAM™ SOLD SEPARATELY (EPA Reg. No. 53735-9)

THERE'S A FROG® FOR YOU!

POOL FROG® for pools up to 25,000 gallons
POOL FROG® for pools up to 40,000 gallons
POOL FROG® XL PRO
SPA FROG® Floating System
FILTER FROG®
FROG® Test Strips for pools & spas

Manufactured in the U.S.A. by
KING TECHNOLOGY, Inc.
530 11th Avenue South • Hopkins, MN 55343
www.kingtechnology.com

APSP The Association of Pool & Spa Professionals™

U.S. Patent Numbers 6,210,566; 6,217,892; 6,383,507; 6,544,415; 6,551,609; 6,652,871 and other U.S. and Foreign Patents Pending.

FROG® Mineral Hybrid Water Care

THE COMPLETE LOW CHLORINE ALTERNATIVE+

POOL FROG® Mineral Reservoir
POOL FROG® Cycler
POOL FROG® Bac Pac
FROG BAM®

Experience the FROG® Difference

- Sparkling water for pools up to 25,000 gallons.
- Pre-filled pacs eliminate fumes typical of chlorine buckets.
- Reduces fading of swimsuits.
- Soft skin through neutral pH.
- Lower chlorine levels help prevent damage to equipment and surfaces.

+ FROG Mineral System consists of the FROG minerals silver chloride and carbonate used in conjunction with 0.5 ppm chlorine. The POOL FROG Mineral Reservoir must be used in conjunction with the POOL FROG Bac Pac (EPA Reg. No. 53735-2), an EPA registered chlorine pool product or a chlorine delivery device.

POOL FROG® MINERAL RESERVOIR

FROG® Mineral Hybrid Water Care

Adopt a FROG® for Worry-Free Water!

- Less work with no daily dosing.
- Reduces chlorine use up to 50%.*
- Adopt an easier, more fun pool environment.

Scan for more information.

Patented Mineral Pool Disinfectant

Net Wt.: 0.9 lb.
EPA Reg. No.: 53735-11
EPA Est. No.: 071209-AZ-001

Active Ingredient:
Silver Chloride--------- 0.5%
Other Ingredients:------- 99.5%
Total: ---------- 100.0%

KEEP OUT OF REACH OF CHILDREN

CAUTION

See enclosed product label and instruction manual for complete directions for use.

* Compared to the minimum EPA recommended chlorine level of 1.0 ppm for a stabilized swimming pool.

WHEN YOU ADOPT A FROG® YOU ADOPT MORE THAN A TECHNOLOGY

• POOL FROG Mineral Reservoir contains the minerals.
• POOL FROG Bac Pac provides low chlorine support.
• POOL FROG Cycler holds the Mineral Reservoir and Bac Pac.
POOL FROG® MINERAL RESERVOIR
FROG
Adopt a FROG® for Worry-Free Water!

FROG's patented Mineral System destroys bacteria with a controlled release formula that lasts 6 months. FROG minerals also help keep your pH balanced by acting as a neutralizer. When using the Bac Pac, water flows through minerals and chlorine so one unit does all!

Box P/N 20-44-0325
E032411553051143R8B

Box P/N 20-44-0325
E032411553051143R8B

1 3/16”

Pool Frog In Ground Mineral Reservoir Carton
EPA 53735-11

Frog In Ground Mineral Reservoir carton 20-44-0304 21 1/2" x 21 3/4" 4-color CMYK

5" 5 1/16" 5 1/16" 5" 1 1/16" 2 9/16" 11 1/8" 5" 2 1/2" 5" 5 1/16" 5 1/16" 5" 1 1/8"

POOL FROG® MINERAL RESERVOIR

FROG® Mineral Hybrid Water Care

IN GROUND SERIES 5400 (Order #01-12-5462)
***NOW FITS THE FOLLOWING CYCLERS:**
POOL FROG® Series 5400 or 5600
Prevail Series 5790

7 22906 05461 0

TAKE HOME THE COMPLETE MINERAL SYSTEM+ INCLUDING:

POOL FROG® MINERAL RESERVOIR

- Fits inside the POOL FROG Cycler.
- Contains minerals that help to control bacteria.
- Replace Mineral Reservoir every season—do not use more than 6 consecutive months.

POOL FROG® BAC PAC

- Pre-filled with Trichlor (chlorine) tablets.
- Sits inside POOL FROG Mineral Reservoir.
- Set the Cycler dial for achieving at least 0.5 ppm chlorine level. (See instruction manual.)
- Replace POOL FROG Bac Pac when empty.

BAC PAC SOLD SEPARATELY (EPA Reg. No. 53735-2)

FROG BAM®

- **ALGAE PROTECTION GUARANTEE!** when used with the complete POOL FROG System.
- Dispenses in 90 minutes and provides 90 days of algae protection.

FROG® BAM™ SOLD SEPARATELY (EPA Reg. No. 53735-9)

THERE'S A FROG® FOR YOU!

POOL FROG® for pools up to 25,000 gallons
POOL FROG® for pools up to 40,000 gallons
POOL FROG® XL PRO
SPA FROG® Floating System
FILTER FROG®
FROG® Test Strips for pools & spas

Manufactured in the U.S.A. by
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APSP The Association of Pool & Spa Professionals™

U.S. Patent Numbers 6,210,566; 6,217,892; 6,383,507; 6,544,415; 6,551,609; 6,652,871 and other U.S. and Foreign Patents Pending.

FROG® Mineral Hybrid Water Care

THE COMPLETE LOW CHLORINE ALTERNATIVE+

POOL FROG® Mineral Reservoir
POOL FROG® Cycler
POOL FROG® Bac Pac
FROG BAM®

Experience the FROG® Difference

- Sparkling water for pools up to 40,000 gallons.
- Pre-filled pacs eliminate fumes typical of chlorine buckets.
- Reduces fading of swimsuits.
- Soft skin through neutral pH.
- Lower chlorine levels help prevent damage to equipment and surfaces.

+ FROG Mineral System consists of the FROG minerals silver chloride and carbonate used in conjunction with 0.5 ppm chlorine. The POOL FROG Mineral Reservoir must be used in conjunction with the POOL FROG Bac Pac (EPA Reg. No. 53735-2), an EPA registered chlorine pool product or a chlorine delivery device.

POOL FROG® MINERAL RESERVOIR

FROG® Mineral Hybrid Water Care

Adopt a FROG® for Worry-Free Water!

- Less work with no daily dosing.
- Reduces chlorine use up to 50%.*
- Adopt an easier, more fun pool environment.

Scan for more information.

Patented Mineral Pool Disinfectant

Net Wt.: 1.6 lbs.
EPA Reg. No.: 53735-11
EPA Est. No.: 071209-AZ-001

Active Ingredient:
Silver Chloride-------- 0.5%
Other Ingredients: ------- 99.5%
Total: ---------- 100.0%

KEEP OUT OF REACH OF CHILDREN

CAUTION

See enclosed product label and instruction manual for complete directions for use.

* Compared to the minimum EPA recommended chlorine level of 1.0 ppm for a stabilized swimming pool.

WHEN YOU ADOPT A FROG® YOU ADOPT MORE THAN A TECHNOLOGY

• POOL FROG Mineral Reservoir contains the minerals.
• POOL FROG Bac Pac provides low chlorine support.
• POOL FROG Cycler holds the Mineral Reservoir and Bac Pac.

FROG's patented Mineral System destroys bacteria with a controlled release formula that lasts 6 months. FROG minerals also help keep your pH balanced by acting as a neutralizer. When using the Bac Pac, water flows through minerals and chlorine so one unit does all!

Box P/N 20-44-0304
E032411553051143R8B

Box P/N 20-44-0304
E032411553051143R8B

Pool Frog Mineral Reservoir Insert
EPA 53735-11

IMPORTANT
REMOVE AND READ

FROG®
BRAND
Mineral Hybrid Water Care

Less Chlorine with POOL FROG® Pacs

To assure a 50%* chlorine reduction use this POOL FROG® Mineral Reservoir with the appropriate POOL FROG® chlorine pac for your system. See setting chart in manual for the proper control dial setting.

*Compared to the minimum EPA recommended chlorine level of 1.0 ppm for a stabilized swimming pool.

FROG® Brand Test Strips

To accurately measure the reduced chlorine level of 0.5 to 1.0 ppm, use FROG® Brand Test Strips and adjust your dial setting to maintain the ideal FROG® chlorine range and get a longer life to the POOL FROG® Pac.

WARNING

DO NOT put anything in the center of the POOL FROG® Mineral Reservoir other than the appropriate FROG® product as directed in the product instructions. Damage could result to the pool or equipment and warranty will be null and void.

King Technology, Inc.
www.kingtechnology.com

20-48-0232
E032411553041143R5N

Green 329
Red 485
Do not print
Magenta
Dieline

POOL FROG® Mineral Reservoir: Patented Mineral Pool Disinfectant Operational Instructions

FROG® BRAND
Mineral Hybrid Water Care

Adopt a FROG® for Worry-Free Water!

- Less work with no daily dosing.
- Reduces chlorine use up to 50%.*
- Adopt an easier, more fun pool environment.

*Compared to the minimum EPA recommended chlorine level of 1.0 ppm for a stabilized swimming pool.

POOL FROG MINERAL RESERVOIR
FROG
Mineral Hybrid Water Care
Adopt A Frog for Worry-Free Water
• Less work with no daily dosing.
• Reduces chlorine use up to 50%.*
• Adopt an easier, more fun pool environment.

REPLACE EVERY 6 MONTHS OR AFTER ONE POOL SEASON, WHICHEVER IS SHORTER.

Swimming Pool Tips

1. Make sure the pool has adequate circulation. The pool water must completely circulate through the pump and filter at least 1 to 2 times per day. This usually requires 8 to 12 hours. Check with your dealer for the proper circulation time for your pool.

2. Before beginning with any pool care program, you must first balance your pool water. Take a water sample to your local pool professional who will test for the following important elements.

Water Balance Guidelines

pH:	**7.2 – 7.8**
Total Alkalinity:	**60 – 120 ppm**
Calcium Hardness:	**150 – 400**
Total Dissolved Solids:	**<1500**
Stabilizer:	**20 – 80 ppm**
Free Chlorine:	**0.5 – 1.0 ppm**

Cu Mg Fe Cu Mg Fe

3. If your fill water is high in metals, use a sequestering agent or metal out at start-up only before using a mineral reservoir. See your local dealer for details on using these products and always follow manufacturers' directions carefully.

4. After your pool is up and running smoothly, continue to test your water for pH, total alkalinity and chlorine with FROG® Brand Test Strips and maintain its balance by adding any necessary adjustment products (see your dealer for details).

5. Check the pool's filter gauge often and periodically clean filter per the manufacturer's directions. A dirty filter will slow the flow of water which could hamper proper circulation.

Replacing a POOL FROG® Mineral Reservoir, FROG BAM® and POOL FROG® Bac Pac or Chlorine Pac

Using the POOL FROG® Mineral Reservoir

1. Make sure you have the correct POOL FROG® Mineral Reservoir to fit your POOL FROG® Cycler. The colored barcode will indicate if it fits in ground versus above ground POOL FROG® Cyclers.

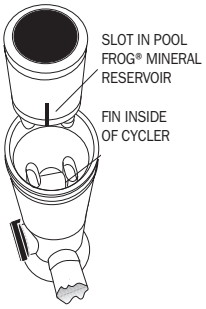
THE POOL FROG® MINERAL RESERVOIR MUST BE REPLACED EVERY 6 MONTHS OR AFTER ONE POOL SEASON WHICHEVER IS SHORTER.

2. IMPORTANT: Remove and read the inserted information card.

CAUTION read carefully -
USE ONLY the factory recommended replacement POOL FROG® Mineral Reservoir, FROG BAM® and POOL FROG® Pac. DO NOT USE any other pac or bulk chemical tablets in the cycler. Use of any other product could result in damage to pool equipment or surface, unsafe pool conditions, fire or explosion. Warranty will be void if the correct POOL FROG® Mineral Reservoir, FROG BAM® and POOL FROG® Pac are not used.

3. Turn off pump and turn dial to Pac Removal, Setting 0 or OFF depending on the model.

4. Open mineral cycler cap. If using a chlorine pac stand back to avoid inhaling chlorine fumes.



5. Find slot on side of POOL FROG® Mineral Reservoir and line up with fin inside the cycler. Lower POOL FROG® Mineral Reservoir into cycler until secure.

USING FROG BAM® FOR AN ALGAE-PROTECTION GUARANTEE

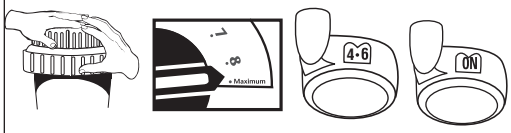
(If not using FROG BAM® , proceed to #12.)

For a preventative dose, add one FROG BAM® for pools up to 15,000 gallons or two FROG BAM® for pools between 15,000 and 30,000 gallons.

See FROG BAM® product labeling for complete directions for use (EPA Reg.: No. 53735-9).

6. Remove cap from FROG BAM® without removing seal.

7. Insert upside down into center of POOL FROG® Mineral Reservoir pushing down firmly on key to puncture seal.



8. Replace cap by hand only. DO NOT OVER TIGHTEN. Turn control dial on cycler to Maximum, Setting 5 or ON depending on the model.

9. Turn pump on for 90 minutes allowing FROG BAM® to circulate through pool.

10. To remove FROG BAM® , turn pump off, turn dial to Pac Removal, Setting 0 or OFF depending on the model, remove cycler cap.

11. Lift FROG BAM® up and allow any water in the container to drain through the cycler before recycling or discarding in trash. **NOTE: If water shows more than a hint of blue inside cycler, replace the cycler cap, turn dial to Maximum, Setting 5 or ON and run the pump for one minute.**

11a. If pool size requires additional FROG BAM®, repeat steps 6-11.

11b. When water is clear in cycler, proceed to step 12.

USING THE CHLORINE PACS

POOL FROG® BAC PAC for use in the in ground and above ground systems

POOL FROG® PAC 540C for use in the XL PRO Chlorine Cycler

POOL FROG® PAC 610C for use in the POOL FROG Twin Dual System Chlorine Cycler

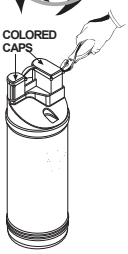
12. Chlorine pacs are recommended to assure up to 50% reduction in chlorine use.*
Pacs sold separately. (EPA Reg. No.: 53735-2)

**Compared to the minimum EPA recommended chlorine level of 1.0 ppm for a stabilized swimming pool*

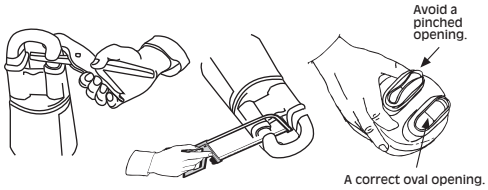
Avoid sparks, open flame or smoking when handling a chlorine pac.

OPEN PAC

12a. POOL FROG® BAC PAC
For Bac Pac, remove colored tabs by grabbing on to the lip of one cap and pulling up until cap releases. Repeat the process for the other cap.

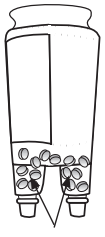


12b. POOL FROG® PAC 540C and 610C
For 540C and 610C pacs, find the indent in the plastic handle and cut using a 2" PVC cutter or hacksaw. Either way, make sure the blade comes straight across on the indent line for a clean cut. If openings are pinched together, open with fingers or re-cut closer to the colored screens inside the POOL FROG® Pac. Leave at least 1/4" of plastic to fit into the POOL FROG® Cycler.



13. Invert Pac and shake until chlorine tablets fall into tower areas.

BAC PAC towers

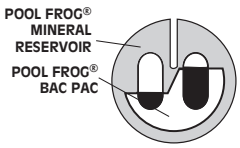


540C Pac towers

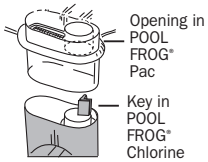
610C Pac towers

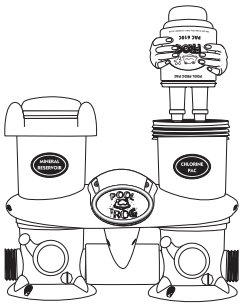
INSERT PAC INTO CYCLER

14a. **POOL FROG® BAC PAC**
For Bac Pac, line up small leg with small opening in POOL FROG® Mineral Reservoir and large leg with large opening. Lower pac until secure.



14b. **POOL FROG® PAC 540C and 610C**
For 540C or 610C, line up the openings in the pacs with the keys in the POOL FROG® Chlorine Cycler.
Note: *Openings are a different shape than keys. Lower pac until secure.*





15. *Replace cap by hand only.*
DO NOT OVERTIGHTEN.

16. *The chlorine pacs are made of HDPE plastic. Non-refillable container. Do not reuse or refill this container. Offer for recycling if available. Rinse thoroughly before recycling or discarding in trash.*

17. *Mark your calendar for the six month replacement of the POOL FROG® Mineral Reservoir, 90-day replacement of FROG BAM® and approximate replacement times for the POOL FROG® Pacs. Once wetted, the time-released mineral coating of this product is effective up to 6 consecutive months or one pool season whichever is shorter. After that time, even if you hear the spent media inside, it is no longer effective and must be replaced.*

Start-up and Operation

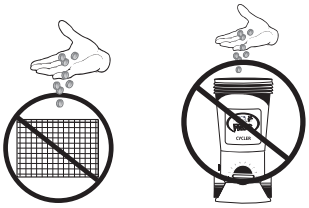
POOL FROG® Mineral Reservoir with Start-up Water Polishers for easier start up.

1.

Add a stabilizer or conditioner to the pool at the beginning of the season if the stabilizer level is below 20 ppm. This will prevent chlorine burn off. Follow manufacturer's directions carefully.

2.

Shock the pool with an EPA registered chlorine shock to rid the water of all contaminants before beginning. Follow manufacturer's directions carefully.



Do not add shock in or near the skimmer or into the cycler as it could damage equipment, risk potential explosion or discolor your pool surface. **THIS STEP IS VERY IMPORTANT TO START-UP. USE CHLORINE SHOCK ONLY.**

3.

Install POOL FROG® Mineral Reservoir into the cycler. (See page 1 for directions.)

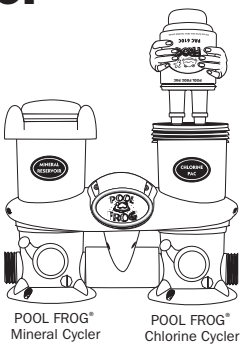
REPLACE THE POOL FROG® MINERAL RESERVOIR EVERY 6 MONTHS OR AFTER ONE POOL SEASON WHICHEVER IS SHORTER.

4.

Replace cap and run cycler, with POOL FROG® Mineral Reservoir inserted, for 10 minutes on setting Maximum, Setting 5 or ON depending on the model.

Insert FROG BAM® into POOL FROG® Mineral Reservoir in cycler. (See page 1 for directions.)

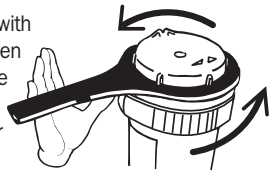
6.



When chlorine reading is down to 1.0 ppm, which may take a few days, insert chlorine pac.
(See directions beginning on page 1.)

FOR IN GROUND MODELS

For In Ground models, cap removal is easier if using the tool included with the cycler. To loosen cap, hit the handle with the flat of your hand counter clockwise.
DO NOT USE CAP TOOL TO TIGHTEN CAP.



Start-up and Operation

This system is designed to work effectively with a variety of pool equipment as long as the following basic procedures are followed.

7. Setting Control Dial

Set control dial by matching up the parameters of your pool on the charts below. **THIS IS A STARTING POINT ONLY and may need to be adjusted to fit your individual pool needs. See #8 for directions.**

IMPORTANT: Pump run times of at least 6 hours at high speed are recommended for proper performance. If running low speed only or on high speed less than 6 hours, please follow the 24 Hour Low-Speed directions below.

** – Bypass installation recommended.*
NR – This pump size is not recommended for this size pool.

Above Ground POOL SIZE		8 HOUR PUMP RUN TIME				12 HOUR PUMP RUN TIME				24 HOUR PUMP RUN TIME			
		PUMP SIZE				PUMP SIZE				PUMP SIZE			
Gallons	Diameter	1/2 hp	3/4 hp	1 hp	1 1/2 hp	1/2 hp	3/4 hp	1 hp	1 1/2 hp	1/2 hp	3/4 hp	1 hp	1 1/2 hp
7,000	(18')	5.0	4.5	4.0	3.5	4.5	4.0	3.0	5.0*	3.5	3.0	2.5	4.0*
9,000	(21')	5.5	5.0	4.5	4.0	5.0	4.5	4.0	5.5*	4.0	3.5	3.0	4.5*
12,000	(24')	6.0	5.5	5.0	4.5	5.5	5.0	4.5	4.0	4.5	4.0	3.5	5.0*
15,000		NR	6.0	5.5	5.0	6.0	5.5	5.0	4.5	5.0	4.5	4.0	3.5
20,000		NR	NR	6.0	5.5	NR	6.0	5.5	5.0	5.5	5.0	4.5	4.0

SINGLE-SPEED PUMP OR HIGH-SPEED PUMP RUN TIME

In Ground POOL SIZE	6 HOUR PUMP RUN TIME				12 HOUR PUMP RUN TIME				24 HOUR PUMP RUN TIME			
Gallons	PUMP SIZE				PUMP SIZE				PUMP SIZE			
	3/4 hp	1 hp	1 1/2 hp	2 hp	3/4 hp	1 hp	1 1/2 hp	2 hp	3/4 hp	1 hp	1 1/2 hp	2 hp
7,000	4.0	3.5	3.0	3.0*	3.0	2.5	4.0*	3.5*	1.5	3.5*	3.0*	2.5*
9,000	4.5	4.0	3.5	3.0	3.5	3.0	2.5	4.0*	2.5	4.0*	3.5*	3.0*
12,000	5.0	4.5	4.0	3.5	4.0	3.5	3.0	2.5	3.0	2.5	1.5	3.5*
18,000	NR	5.0	4.5	4.0	5.0	4.0	3.5	3.0	3.5	3.0	2.5	2.0
25,000	NR	NR	5.0	4.0	NR	5.0	4.0	3.5	4.0	3.5	3.0	2.5
30,000	NR	NR	6.0	5.0	NR	5.5	5.0	4.0	4.5	4.0	3.5	3.0
35,000	NR	NR	7.0	6.0	NR	6.5	5.5	5.0	5.5	4.5	4.0	3.5
40,000	NR	NR	NR	7.0	NR	NR	6.5	5.5	6.5	5.5	4.5	4.0

24 HOUR, LOW-SPEED PUMP-RUN TIME

In order to ensure proper performance when running on low speed for 24 hours or high speed less than 6 hours, bleed the air while the pump is on by unscrewing the cap knob until water appears. Then screw the knob back on. Repeat this process each time the cap is removed for any reason. Set the control dial at #6 and follow the adjustment directions in Step 8 to determine the correct setting for your pool.

8.

For the first week test the pool water daily for free chlorine with FROG® Brand Test Strips to ensure correct dial setting. Continue to test weekly throughout the season.

After testing, adjust the dial up by 1/2 increment if the free chlorine reading has dropped below 0.5 ppm or down by 1/2 increment if the reading has risen above 1.0 ppm. Continue this process each day until the color on the test strip matches the ideal FROG® range of 0.5 ppm to 1.0 ppm chlorine.

Remember to adjust dial by 1/2 increments only, in order to prevent over chlorination which may bleach pool surfaces.

9.

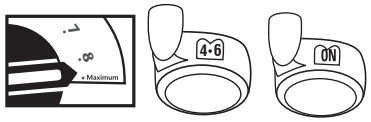
Shock pool every two weeks or as needed to maintain water quality. Follow label directions on the chlorine shock treatment used.

WARNING

Do not add shock in or near the skimmer or into the POOL FROG® Cycler as it could damage equipment, risk potential explosion or discolor your pool surface.

If using another means of chlorine - Follow steps 1-5 on Start-up and Operation and then continue below.

6.



Maintain setting of Maximum, Setting 5 or ON depending on the model. No adjustments needed.

7.

Maintain a minimum chlorine reading of 0.5 ppm with a chlorine delivery device or hand feeding.

8.

Shock pool every two weeks or as needed to maintain water quality. Follow label directions on the shock treatment used.

WARNING

Do not add shock in or near the skimmer or into the POOL FROG® Cycler as it could damage equipment, risk potential explosion or discolor your pool surface.

U.S. Patents 6,210,566; 6,217,892; 6,383,507; 6,544,415; 6,551,609; 6,652,871 and other U.S. and Foreign Patents Pending. EPA Reg. No.: 53735-11
EPA Est. No.: 071209-AZ-001

KING TECHNOLOGY, INC.
530 11th Avenue South, Hopkins, MN 55343 U.S.A. 952-933-6118 • 800-222-0169 • FAX 952-933-2206 • www.kingtechnology.com E032411553051143R7N 20-48-0168

Reservorio de minerales POOL FROG®
Desinfectante mineral para piscinas patentado
Instrucciones de operación

Mineral Hybrid Water Care

POOL FROG MINERAL RESERVOIR
FROG
Mineral Hybrid Water Care
Adopt A Frog for Worry-Free Water
• Less work with no daily dosing.
• Reduces chlorine use up to 50%.*
• Adopt an easier, more fun pool environment.

¡Adopte un FROG® para disfrutar del agua sin preocupaciones!

- Menos trabajo, sin dosificación diaria.
- Reduce el uso de chloro hasta en un 50%.*
- Adopte un ambiente de piscina más divertido y fácil.

***En comparación con el nivel mínimo de cloro recomendado por EPA de 1.0 ppm para una piscina estabilizada.**

CAMBIAR CADA 6 MESES O AL FINALIZAR UNA TEMPORADA DE USO DE LA PISCINA, LO QUE OCURRA PRIMERO.

Sugerencias para piscinas

1. Asegúrese de que la piscina tenga circulación adecuada. Toda el agua de la piscina debe pasar por la bomba y el filtro al menos 1 ó 2 veces por día. Por lo general, para esto se necesitan entre 8 y 12 horas. Consulte al distribuidor el tiempo correcto de circulación para su piscina.

2. Antes de comenzar cualquier programa de cuidado de la piscina es necesario equilibrar la composición del agua. Lleve una muestra de agua a un profesional de piscinas de su localidad, para que haga un análisis de los siguientes elementos importantes.

Pautas para el equilibrio del agua

pH:	**7,2 – 7,8**
Alcalinidad total:	**60 a 120 ppm**
Dureza cálcica:	**150 a 400**
Total de sólidos disueltos:	**<1500**
Estabilizador:	**20 a 80 ppm**
Cloro libre:	**0,5 a 1,0 ppm**

Cu Mg Fe Cu Mg Fe

3. Si el agua tiene altos niveles de metales, utilice un agente aislante o elimine el metal al comienzo de la temporada sólo antes de colocar un Pac. Siga las instrucciones del fabricante.

4. Una vez que su piscina esté lista y funcionando sin problemas, siga probando los niveles de pH, alcalinidad total y cloro del agua con las tiras de prueba FROG® , y mantenga el equilibrio añadiendo los productos de ajuste necesarios (consulte a su distribuidor para conocer los detalles).

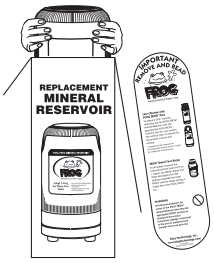
5. Verifique con frecuencia el indicadordel filtro de la piscina y limpie el filtro periódicamente según las instrucciones del fabricante. Si el filtro está sucio, el agua pasará más lentamente y esto podría entorpecer la circulación correcta.

Cómo volver a colocar un reservorio de minerales POOL FROG• , FROG BAM• , Bac Pac de POOL FROG• y pac de cloro POOL FROG• .

Utilizar reservorio de minerales POOL FROG®

1. Asegúrese de tener el reservorio de minerales POOL FROG® apropiado para su reciclador POOL FROG® . El código de barras de colores le indicará si es para un reciclador POOL FROG® subterráneo o de superficie.

EL RESERVORIO DE MINERALES POOL FROG® DEBE SER CAMBIADO CADA 6 MESES O AL FINALIZAR UNA TEMPORADA DE USO DE LA PISCINA, LO QUE OCURRA PRIMERO.



2. IMPORTANTE: Retire la tarjeta de información adjunta y léala.

PRECAUCIÓN. Lea con atención.
UTILICE SOLAMENTE el reservorio de minerales POOL FROG® , FROG BAM® y Bac Pac de POOL FROG® de repuesto que recomienda la fábrica. NO UTILICE en el reciclador ningún otro tipo de tabletas químicas Pac o a granel. La utilización de cualquier otro producto podría resultar en desperfectos del equipo de la piscina o condiciones peligrosas en la superficie de la piscina, incendio o explosión. Se anulará la garantía si no se utiliza el reservorio de minerales POOL FROG® , FROG BAM® y Bac Pac de POOL FROG® correcto.

3. Apague la bomba y lleve el dial a Pac Removal o a la posición 0 o OFF, según el modelo.

4. Abra la tapa del reciclador de minerales.Si utiliza pac de chloro, manténgase alejado para no inhalar los vapores del cloro.

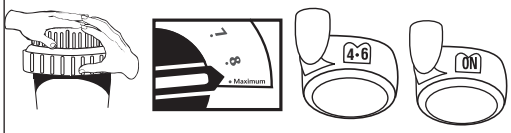
5. Localice la ranura en el lado del reservorio de minerales POOL FROG® y alinéela con la aleta en el interior del reciclador. Introduzca el reservorio de minerales POOL FROG® en el reciclador hasta que esté firme.

CÓMO UTILIZAR FROG BAM® PARA GARANTIZAR LA PROTECCIÓN CONTRA ALGAS

(Si no utiliza FROG BAM®, continúe en el paso 12.)
Para una dosis preventiva, utilice un FROG BAM® para piscinas hasta 15.000 galones o dos FROG BAM® para piscinas entre 15.000 y 30.000 galones.
Consulte en la etiqueta de FROG BAM® las instrucciones de empleo correctas (Número de reg. EPA 53735-9).

6. Quite la tapa de FROG BAM® sin retirar el sello.

7. Introduzca en posición inversa en el reservorio de minerales POOL FROG® presionando firmemente para perforar el sello.



8. Vuelva a colocar la tapa manualmente. NO LA APRIETE DEMASIADO. Lleve el dial de control del reciclador a la posición Maximum (máxima), 5 o ON, según el modelo.

9. Encienda la bomba durante 90 minutos para hacer circular por el FROG BAM® el agua de la piscina.

10. Para quitar el FROG BAM®, apague la bomba y lleve el dial a Pac Removal o a la posición 0 o OFF, según el modelo. Destape el reciclador.

11. Lleve el FROG BAM® hacia arriba y escurra el agua del recipiente en el reciclador antes de desechar a la basura.
AVISO: Si el agua en el reciclador tiene un ligero tinte de color azul, vuelva a tapar el reciclador, lleve el dial a Maximum o a la posición 5 y haga funcionar la bomba durante un minuto.
11a. Si la piscina necesita más FROG BAM® , repita los pasos 6 a 11.
11b. Cuando el agua en el reciclador esté transparente, continúe en el paso 12.

UTILIZAR EL CLORO PACS

POOL FROG®
BAC PAC
Para aplicaciones subterráneas o en superficie

POOL FROG®
PAC 540C
Para utilizar en el reciclador de cloro XL PRO

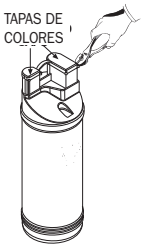
POOL FROG®
PAC 610C
Para usarse en el doble sistema reciclador de cloro POOL FROG

12. Recomendamos usar paquetes de cloro para asegurar una reducción de hasta 50% en el consumo de cloro*. Bac Pac de POOL FROG® se vende por separado. (Número de reg. EPA 53735-2)
**En función del nivel mínimo de cloro recomendado por EPA de 1,0 ppm para una piscina estabilizada.*

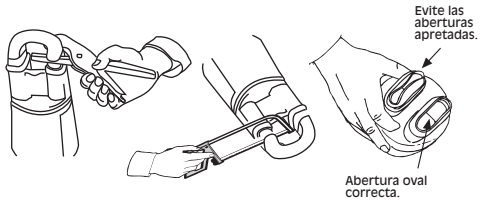
Evite chispas, llamas expuestas o fumar cuando manipule paquetes de cloro.

ABRA EL PAQUETE

12a. POOL FROG® BAC PAC
Para Bac Pac, quite las lengüetas de colores sujetando el borde de un tapón y separándolo hasta liberarlo. Repita el proceso con el otro tapón.

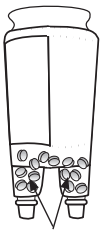


12b. POOL FROG® PAC 540C and 610C
Para los paquetes 540C y 610C, localice la muesca en la manija de plástico y córtela con un cúter o una sierra de arco para PVC de 5 cm (2 pulgadas). En ambos casos, asegúrese de practicar un corte recto con la hoja por la lìnea de la muesca. Si las aberturas están apretadas, sepárelas con los dedos o vuelva a cortar más cerca de las cribas de colores en el interior del paquete POOL FROG® . Deje al menos 6 mm (1/4 pulgada) de material plástico para colocar en el reciclador POOL FROG®



13. Invierta el paquete y agìtelo para que las pastillas de cloro caigan en las torres.

Torres
BAC PAC

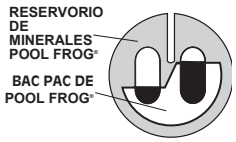


Torres
1 540C Pac

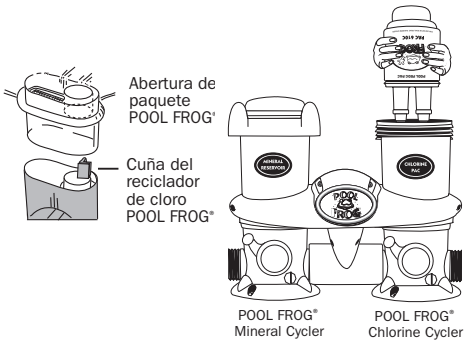
Torres
610C Pac

INSERTE PAC EN el CICLISTA

14a. **POOL FROG® BAC PAC**
Para Bac Pac, alinee el tramo pequeño con la abertura pequeña del depósito de minerales POOL FROG® y el tramo grande con la abertura grande. Introduzca el paquete hasta que quede firme.



14b. **POOL FROG® PAC 540C and 610C**
Para 540C o 610C, alinee las aberturas en el paquete con las cuñas del reciclador de cloro POOL FROG® . ***Nota:*** *La forma de las aberturas es diferente a la forma de las cuñas. Introduzca el paquete hasta que quede firme.*


Abertura de paquete POOL FROG®
Cuña del reciclador de cloro POOL FROG®
POOL FROG® Mineral Cycler
POOL FROG® Chlorine Cycler

15. *Vuelva a colocar la tapa manualmente.*
NO LA APRIETE DEMASIADO.

16. *Los paquetes de cloro están hechos de polietileno de alta densidad. Recipiente no recargable. No reutilice o recargue este recipiente. Entregue para su reciclado, si existe este servicio. Enjuague bien antes de reciclar o arrojar a la basura*

17. *Marque en el calendario seis meses para cambiar el reservorio de minerales POOL FROG®, 90 días para cambiar el FROG BAM® y los períodos aproximados para cambiar el Bac Pac de POOL FROG®. Una vez mojado, el revestimiento mineral de liberación temporizada de este producto es efectivo por 6 meses consecutivos o una temporada de piscina, lo que ocurra primero. Después de ese plazo, aun cuando oiga el medio utilizado en el interior, éste ya no es efectivo y debe ser cambiado.*

Inicio y operación **Ahora con Enceradoras de puesta en marcha de Agua para el comienzo más fácil arriba.**

1.

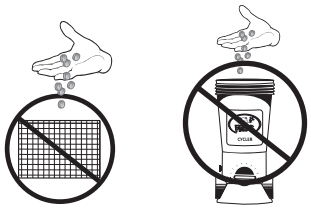
ESTABILIZADOR

Al comenzar la temporada, agregue un estabilizador o acondicionador a la piscina si el nivel del estabilizador está por debajo de 20 ppm. Esto impedirá que el cloro se queme. Siga cuidadosamente las instrucciones del fabricante.

2.

TRATAMIENTO DE CLORO

Antes de comenzar, purifique la piscina con cloro para eliminar todos los agentes contaminantes del agua. Siga cuidadosamente las instrucciones del fabricante.



No agregue purificador en el filtro de hojas o cerca del filtro y tampoco lo haga en el reciclador ya que podría dañar el equipo, causar una explosión o decolorar la superficie de la piscina. **ESTE PASO INICIAL ES MUY IMPORTANTE. SÓLO PURIFIQUE CON CLORO.**

3.

Instale el reservorio de minerales POOL FROG® en el reciclador (vea las instrucciones en la página 1).

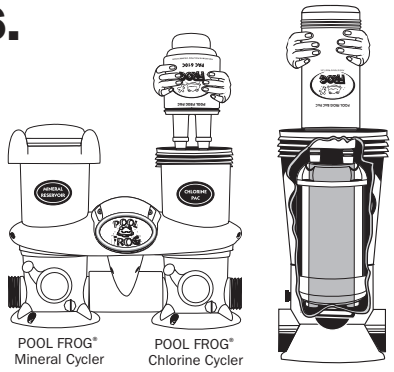
CAMBIE EL RESERVORIO DE MINERALES POOL FROG® CADA 6 MESES O AL FINALIZAR UNA TEMPORADA DE USO DE LA PISCINA, LO QUE OCURRA PRIMERO.

4.

Coloque la tapa y ponga en funcionamiento el reciclador, con el reservorio de minerales POOL FROG® colocado, durante 10 minutos en Maximum o en la posición 10, según el modelo.

Introduzca el FROG BAM® en el reservorio de minerales POOL FROG® del reciclador. (Vea las instrucciones en la página 1.)

6.



Cuando el valor de cloro llegue a 1,0 ppm, lo que podría demorar algunos días, introduzca el Pac de POOL FROG® de cloro. (Vea las instrucciones en la columna izquierda.)

PARA MODELOS BAJO TIERRA

En el caso de los modelos instalados bajo tierra, es más sencillo quitar la tapa si se utiliza la herramienta que se entrega con el reciclador.

Para aflojar la tapa, golpee el mango con la palma de la mano en sentido antihorario.
NO UTILICE ESTA HERRAMIENTA PARA APRETAR LA TAPA.

Inicio y operación

Éste sistema estádiseñado para operar eficazmente con una variedad de equipos de piscina tomando en cuenta las siguientes medidas:

7. CÓMO FIJAR EL DIAL DE CONTROL

La posición del dial de control debe fijarse según los parámetros de la piscina que se detallan en los siguientes diagramas. ESTE ES SÓLO UN PUNTO INICIAL y tal vez sea necesario modificarlo según los requisitos de su piscina. Vea las instrucciones en el punto 8.

IMPORTANTE: Funcionamiento de por lo menos 6 horas al día a alta velocidad de la Bomba es recomendada para una ejecución adecuada. Si el funcionamiento es en baja velocidad o en alta velocidad pero por menos de 6 horas, favor seguir las siguientes instrucciones para el funcionamiento de 24 horas.

* – Se recomienda una instalación de desviación.
NR – No se recomienda este tamaño de bomba para este tamaño de piscina.

TAMAÑO DE LA PISCINA sobre el suelo		Tiempo de funcionamiento de la bomba de 8 horas				Tiempo de funcionamiento de la bomba de 12 horas				Tiempo de funcionamiento de la bomba de 24 horas			
		Tamaño de la bomba				Tamaño de la bomba				Tamaño de la bomba			
Galones	Diámetro	1/2 hp	3/4 hp	1 hp	1 1/2 hp	1/2 hp	3/4 hp	1 hp	1 1/2 hp	1/2 hp	3/4 hp	1 hp	1 1/2 hp
7.000	(18')	5,0	4,5	4,0	3,5	4,5	4,0	3,0	5,0*	3,5	3,0	2,5	4,0*
9.000	(21')	5,5	5,0	4,5	4,0	5,0	4,5	4,0	5,5*	4,0	3,5	3,0	4,5*
12.000	(24')	6,0	5,5	5,0	4,5	5,5	5,0	4,5	4,0	4,5	4,0	3,5	5,0*
15.000		NR	6,0	5,5	5,0	6,0	5,5	5,0	4,5	5,0	4,5	4,0	3,5
20.000		NR	NR	6,0	5,5	NR	6,0	5,5	5,0	5,5	5,0	4,5	4,0

TIEMPO DE OPERACIÓN DE BOMBA DE UNA VELOCIDAD O BOMBA DE ALTA VELOCIDAD

TAMAÑO DE LA PISCINA excavada	Tiempo de funcionamiento de la bomba de 6 horas				Tiempo de funcionamiento de la bomba de 12 horas				Tiempo de funcionamiento de la bomba de 24 horas			
	Tamaño de la bomba				Tamaño de la bomba				Tamaño de la bomba			
Galones	3/4 hp	1 hp	1 1/2 hp	2 hp	3/4 hp	1 hp	1 1/2 hp	2 hp	3/4 hp	1 hp	1 1/2 hp	2 hp
7.000	4,0	3,5	3,0	3,0*	3,0	2,5	4,0*	3,5*	1,5	3,5*	3,0*	2,5*
9.000	4,5	4,0	3,5	3,0	3,5	3,0	2,5	4,0*	2,5	4,0*	3,5*	3,0*
12.000	5,0	4,5	4,0	3,5	4,0	3,5	3,0	2,5	3,0	2,5	1,5	3,5*
18.000	NR	5,0	4,5	4,0	5,0	4,0	3,5	3,0	3,5	3,0	2,5	2,0
25.000	NR	NR	5,0	4,0	NR	5,0	4,0	3,5	4,0	3,5	3,0	2,5
30.000	NR	NR	6,0	5,0	NR	5,5	5,0	4,0	4,5	4,0	3,5	3,0
35.000	NR	NR	7,0	6,0	NR	6,5	5,5	5,0	5,5	4,5	4,0	3,5
40.000	NR	NR	NR	7,0	NR	NR	6,5	5,5	6,5	5,5	4,5	4,0

24 horas, Funcionamiento de bomba a baja velocidad

Para asegurar la ejecución adecuada mientras el funcionamiento en baja velocidad por 24 horas o a alta velocidad por menos de 6 horas, drene el aire mientras la bomba esta prendida al destornillar la tapa hasta que aparezca agua. Despues atornille la tapa nuevamente. Repita este proceso cada vez que se remueva la tapa por cualquier razón. Fije el selector a 6 y siga las instrucciones en el Paso 8 para determinar la posición correcta para su piscina.

8. Durante la primera semana, prueba diariamente el cloro libre en el agua de la piscina con tiras de prueba FROG® , a fin de asegurar la configuración correcta del dial. Haga pruebas semanales durante la temporada.

Después de la prueba, ajuste el dial 1/2 incremento más si la lectura de cloro libre ha disminuido a menos de 0.5 ppm, o 1/2 incremento menos si la lectura ha aumentado a más de 1.0 ppm. Continúe con este proceso todos los días hasta que el color de la tira de prueba coincida con el nivel ideal de FROG® , de 0.5 ppm a 1.0 ppm de cloro.

Recuerde regular el dial sólo de a 1/2 punto para evitar el exceso de cloro en el agua, que podría blanquear las superficies de la piscina.

9. Purifique la piscina cada dos semanas o según sea necesario para mantener la calidad del agua. Siga las instrucciones de la etiqueta del tratamiento purificador empleado.

PURIFICADOR

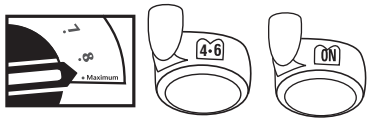
ADVERTENCIA

No agrega el golpe en ni cerca del picotijera ni en la POOL FROG® Ciclista como podría dañar el equipo, se arriesga la explosión potencial ni decolora su superficie de la piscina.

Si utiliza otro tipo de cloro -

Siga los pasos 1 a 5 de la sección 'Inicio y operación' y luego, continúe con las siguientes instrucciones.

6.



Mantenga la configuración en Maximum (máxima) o en la posición 5 o ON, según el modelo. No necesita realizar ajustes.

7.

Mantenga el valor mínimo de cloro en 0,5 ppm con un dispositivo de alimentación de cloro o agregándolo en forma manual.

8.

Purifique la piscina cada dos semanas o según sea necesario para mantener la calidad del agua. Siga las instrucciones de la etiqueta del tratamiento purificador empleado.

ADVERTENCIA

No agrega el golpe en ni cerca del picotijera ni en la POOL FROG® Ciclista como podría dañar el equipo, se arriesga la explosión potencial ni decolora su superficie de la piscina.

PURIFICADOR

Amparado por una o más de las siguientes patentes: Número de patente en los EE.UU. 6,210,566; 6,217,892; 6,383,507; 6,544,415; 6,551,609; 6,652,871 y otras patentes pendientes de los EE.UU. y otros países.
EPA Número de regulación: 53735-11 Número est. EPA: 071209-AZ-001

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